

ABSTRACT

A system and method for separating immiscible fluids are provided. The system (10) includes a hollow vessel (50) which receives a mixture (20) of a first fluid (40) and a second fluid (60), which are immiscible with respect to one another. The density of the first fluid (40) is less than the density of the second fluid (60). The mixture (20) is pumped into the hollow vessel (50) by a pump (110) where it is received by a primary tube (80). The primary tube (80) is immersed in a separation medium (70). The separation medium has a density greater than the density of the first fluid (40) and less than the density of the second fluid (60). The second fluid (60) settles out of the separation medium (70) and the first fluid (40) rises above the separation medium (70). The first fluid (40) and the second fluid (60) can then be drained separately from the hollow vessel (50).